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Deafness

This is a distressing disease. It abridges a man of the pleasures of conversation, of and music, and of all other pleasant natural, and artificial sounds - It likewise precludes him from a great deal of usefulness, & lastly it brings on a languor upon y^e spirits, and sometimes a diminution of intellect.

Its ^{remote} causes are numerous. I shall briefly enumerate them. ~~They act generally on the whole system, or locally upon the organs of hearing. immediately after its causes.~~ ~~with the Remedies for it~~

1 Inflammⁿ - It is known by great pain & some fever. Its Remedies are V.S. - purg^s, Blisters and low diet.

2 Congestion without Inflammⁿ or pain in the parts which adjoin the organs of hearing. This cause is known by being accomp^d with head ache or vertigo.

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3 Tumors in the meat: Auditory.

4 An Obstruction of the meat: And: by a Swelling of the parotid glands.

5 A relaxation of the Drum of the ear.

6 A rupture of the Drum of $\frac{e}{y}$ ear by excessive sounds. Two cases of it in the war. Do. in two birds at Sea. This not uniform. Mr. Cooper's letter to H. H. H. two persons with ^{crossed drums heard at this house 1800} Palsy of the Auditory nerve. a tendency to it - the cause of Deafness in old age.

7 Certain matters obstructing the meat: ~~or~~ extraneous matters obstructing the meat: And: such as indurated wax - fruitstones & insects. y do obstructing the Eustachian tube.

10. 9 Prematural Dryness of the meat: And: - This occurs in old age likewise.

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I shall first mention the Causes which act
upon the ear thro' the medium of a part or
~~more or less upon the whole system.~~ They
are. 1 Cold acting upon the head after it
has been heated, thus inducing Inflammⁿ: and
or Congestion, & an Obstruction of the Secretion
of Wax in the meat: And:

2 a Catarrh obstructing the Eustachian
tube.

3 Repelled eruptions, or old Ulcers healed,

4 a Stoppage of customary evacuations,

5 certain diseased states of the stomach &
bowels. ^{6 Costiveness} 7 Insolation. 8 a Salivation.

The Causes which act locally are

1 a humor distilling upon the organs of
hearing - Deafness which attends $\frac{e}{y}$ crisis
of fever is probably from this cause.

2 Wax in a larger than natural quantity,
or of too thick Consistence obstructing the
meatus Auditorius. V

+ To seldom cured, the same ^{old} remedies being indiscriminately
prescribed for every form of it.

✓ first those which are proper when the
disease arises from causes which act
more or less on the whole system

The Blisters are generally applied behind
the ears. 1

Cheselden ~~notes~~ mentions an
acc^t of several children being born deaf
in one family, in whom it was never
cured. The succeeding children had Blisters
applied all ^{over} ~~other~~ their heads by Mr
C. order ~~that~~ as soon as they were born,
and deafness was thus prevented. a watch
is heard best when applied to that part of
the head where there is least flesh. Perhaps
Blisters w^d be most useful to those
parts.

The proper treatment of this disease is empirical - & hence it is +
our Remedies should be accommodated to V
with great exactness to all its 10 I shall mention of
All these remote causes. Act in the following:

1. When from Inflamm: with pain, or Congestion with vertigo, & head ach, the
Remedies for the former both are V.S.
should be

Purgings - Blisters, low diet. Afterwards
emollients. If these fail - a salivation.

I cured Deafness from Congestion attended
by vertigo, in a sailor in the hospital in
1799. by six V.S. After all other common
deplet^g remedies had been used to no pur-
-pose. The vertigo is often the effect of in-
-cipient deafness. see Darwin. I used it when
attended with head ach in Mrs Muger by
repeated V.S. - I afterwards opened an issue
in her arm to prevent a relapse.

2 When it arises from Catarrh obstruct
Eustachian tube, - the Remedies: V.S. purges
Blisters & Stomachics, - Snuff often
a cure. When all fail - a salivation.

3 When from repelled eruptions,
or old sores healed,
by restoring, them - or by artificial
sores by Issues, or Blisters.

6 When from Costiveness - by gentle
purgers, & Obviating a costive habit.

5 When from ~~any~~ Diseases of ^estomach
or bowels - by the Remedies proper in them.

4 ~~When~~ When from suppression of usual
evacuations, as piles, or menses, by
restoring them, or substituting ^{it} to them.

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✓ 7 When from Insolation, by the
remedies proper in ~~that~~ ^{the} Disease induced by it.

8 When by a Salivation - by 7 remedies
or by removing it. Deafness from all these
local causes often confined to one ear.
In the use of all these general remedies,

the state of the ear should not be neglected, for
~~it~~ often they are often rendered abortive by
^{& organic} local affections induced upon the ear.

~~of the Deafness for all~~

of the Remedies for Deafness when from
local causes. are according to ~~its~~ the
nature of those causes.

1 When from humors falling on ^{the} ear
- purges - Blisters - and astringent Injections
composed of Veg. Sub. as Galls - or Bark.

2 When from wax - by ^{extraction} ~~injection~~, or
injections of milk & water - or Rosp. Case.

3 When from tumors by discutient
Ointment, or excision. When from Obstr.
in the Eustachian tube - Injections of a weak Solution of

is act by inducing inflammation - The effect of this is seen in fever where an undue determination takes place to the head. The hearing becomes exquisite to a morbid degree. Remember the fact of J. Bingham - Always recovered his hearing before a fit of madness from morbid determination & excitement in $\frac{c}{y}$ brain. A salivation cured Frau Wadman's wife of it.

+ I have heard of a case in which it was relieved by holding down the head, & sometimes pressing the Jugulars. The plethora of the brain thus induced gave tone to the Drum of the ear. There is a case recorded in the Germ. Eph. of its being cured by placing the end of a pipe in the passage of the ear and drawing the air thro' it into the bowl of the pipe by the mouth.

Sir Joshua Reynolds who was hard of hearing, heard perfectly well when in company

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1. When from swelling of parotids - by
different ointments.

2. When from relaxation of the Drum
of the ear - by tonic injections - or by
with aromatic herbs -
accompanying voice with certain tones -
- Catting sounds, such as a drum & a car-
riage over stones. Stories of Dr. Peckslady.
Dr. Johnson - & Cataract of the eye. +

3. Deafness from a rupture of $\frac{1}{2}$ Drum
of the ear - incurable - ^{by art: nature sometimes} cures it. - These cases of it
in the war. a case in two birds at sea.
from firing of Cannon.

4. When from Palsy of the Auditory nerve,
the remedies should be - common salt -
oil of anulus or
Vol. Spirit - Sweet Canth: injected into
the ear, - Electricity - Cold Bath, ^{firing of Cannon} & they

5. When from fire stones, or insects,
extracts, or Spirit, or Sweet Oil.

6. When from dyspepsia & Absence of

with but one person - but in large
companies he always employed an
Acoustic, or ^{it} is called a hearing trumpet.
- ~~In the latter~~ one degree of tension alone
was necessary in the former case in the
Driver of his car - in the latter it was
necessary for the tone of the car to change
with every voice, and this his car could
not do with sufficient promptness to
enable him to understand what was said,
without the aid of his trumpet. —

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Secretion of wax, common salt.

Connected with Deafness is a disease called *Limbitus Aurium*, or confused noises ~~are~~ like a roaring of waters in the ear, ^{or like explosions of a cannon.} It arises from a convolution of the bones in the ear. Its remedies are the same as for ^{Deafness from} general or local causes, according as it arises from one or the other.

Deafness ~~from~~ ^{from several of its causes} ~~from general causes~~ is often periodical, occurring in the spring or fall - or in wet & dry weather. That which arises from too much moisture in the ear is increased by wet weather, while dry weather increases that which arises from the absence of Secretion in the ear.

To obviate a return of this disease the following Remedies are proper.

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- 1 Wool or Cotton wove in the ears.
 - 2 Warmth applied constantly to the head, by warm night caps & a wig covering the ear.
 - 3 The Cold-Bath. 4 Snuff. 5 Issues.

To cure deafness when ~~imp~~^{moderate} the following remedies have been found useful. 1 Turning the side face to the person who speaks. 2 Opening the mouth. 3 Elevating the outward ear & expanding the hand. 4 An Acoustic. — 5 ~~Speaking~~^{receiving sound} this a stick held between the teeth of the hearer & speaker. 6 ~~Letting~~ the voice descend upon the head. 7 Speaking in different tones - small sounds are heard, when great ones are imperceptible. —

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